

FIG. 3A

CROSS,2,1 R1, R2, R1

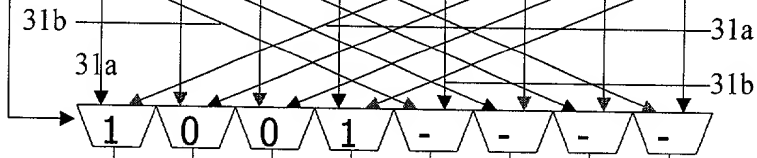
Control Bits R2

34a	34b	34c	34d	34e	34f	34g	34h
1	0	0	1	1	0	1	0

Data R1

30a	30b	30c	30d	30e	30f	30g	30h
a	b	c	d	e	f	g	h

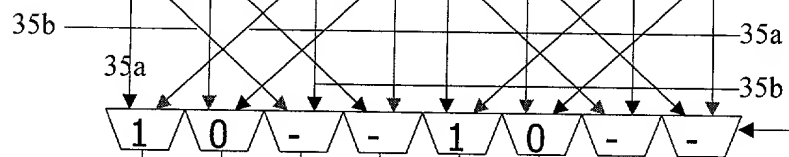
Stage specified by m1=2



Temp value

32a	32b	32c	32d	32e	32f	32g	32h
e	b	c	h	a	f	g	d

Stage specified by m2=1



Result R3

36a	36b	36c	36d	36e	36f	36g	36h
c	b	e	h	g	f	a	d

FIG. 3B

CROSS Instruction

39						
OPCODE	m1	m2	R1	R2	R3	OTHER

FIG. 3C

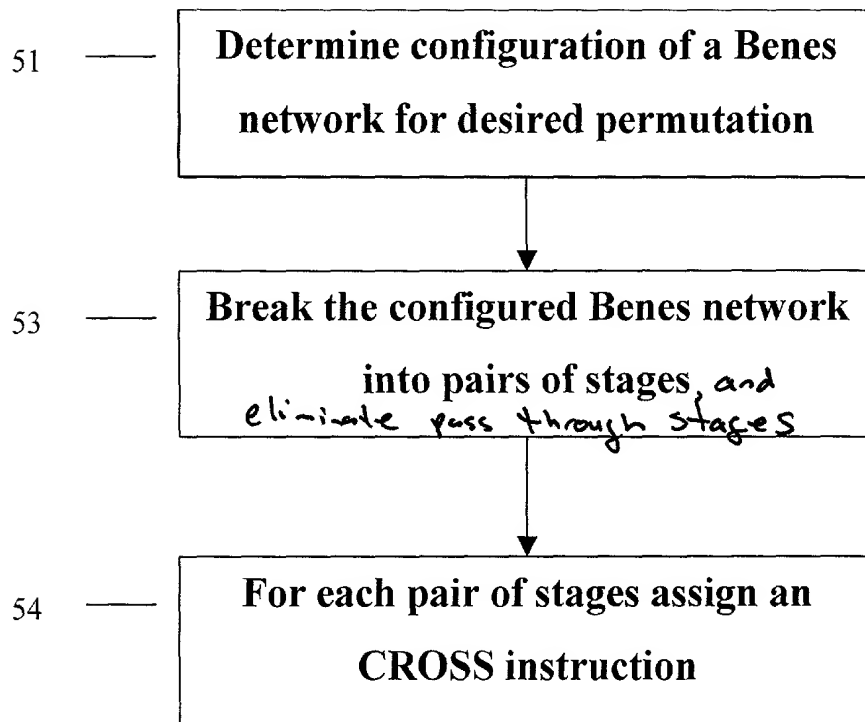


FIG. 4A

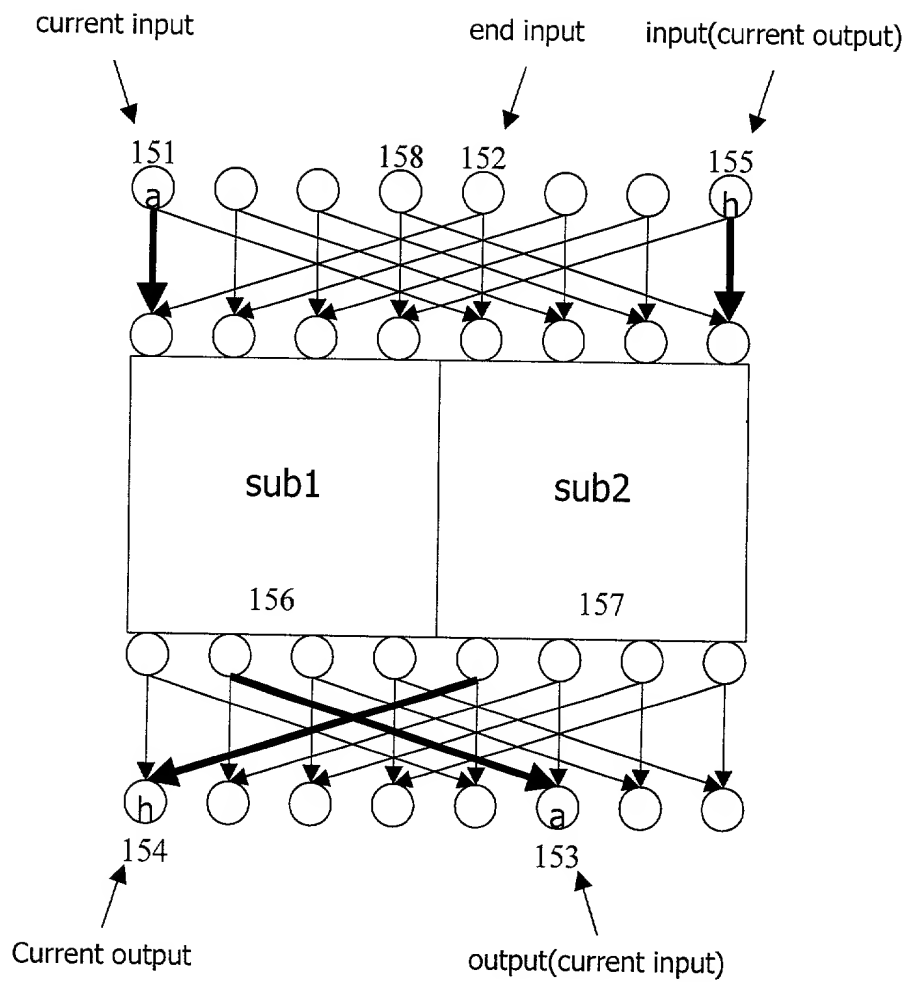


FIG. 4B

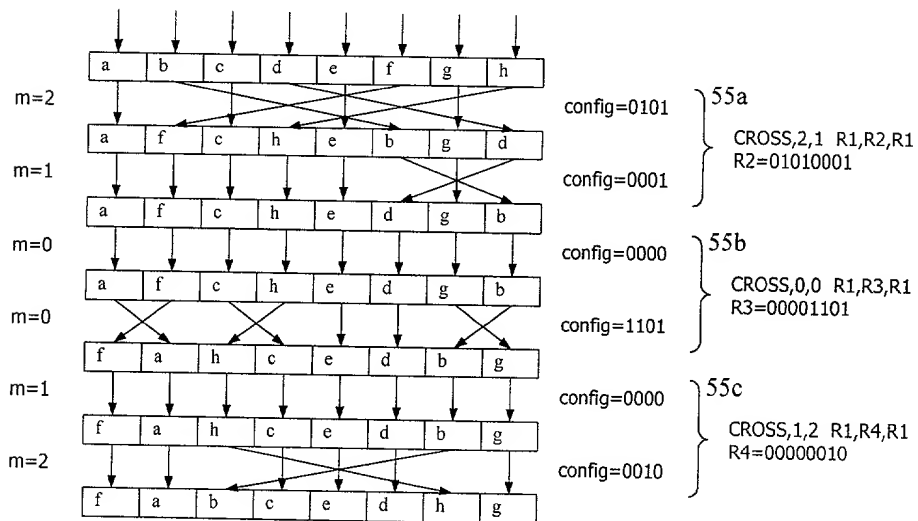


FIG. 5

60

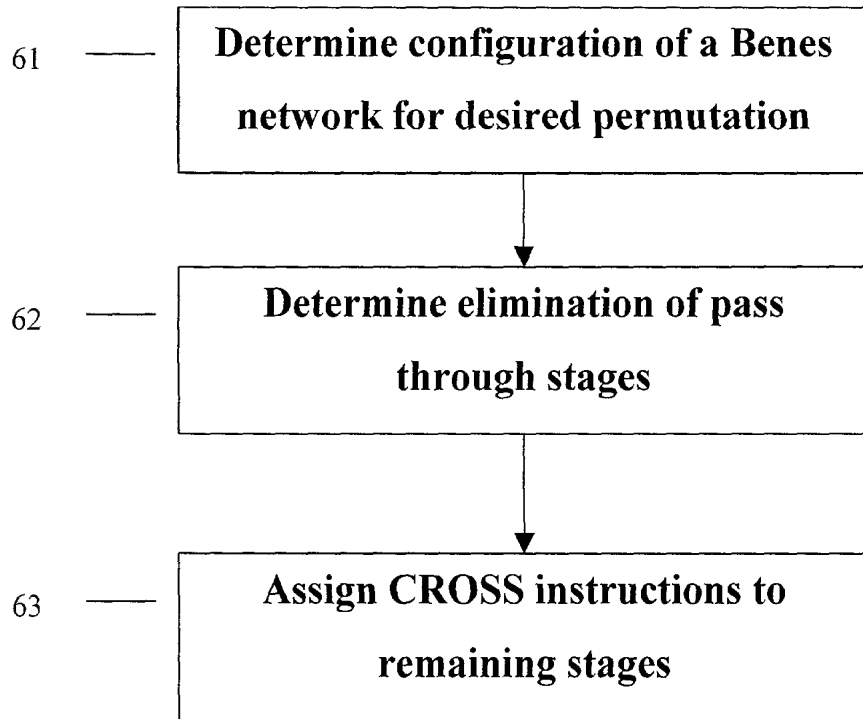


FIG. 6

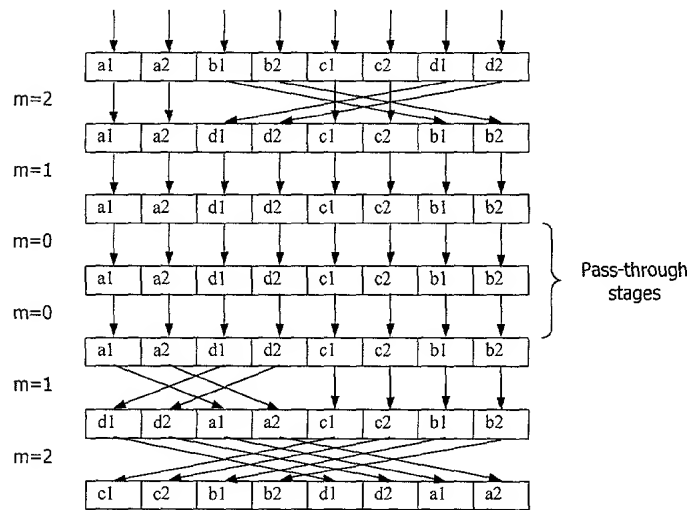


FIG. 7A

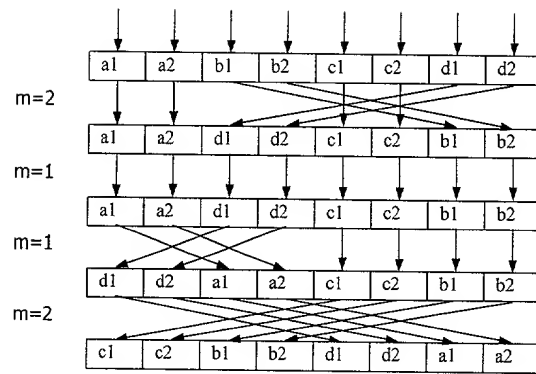


FIG. 7B

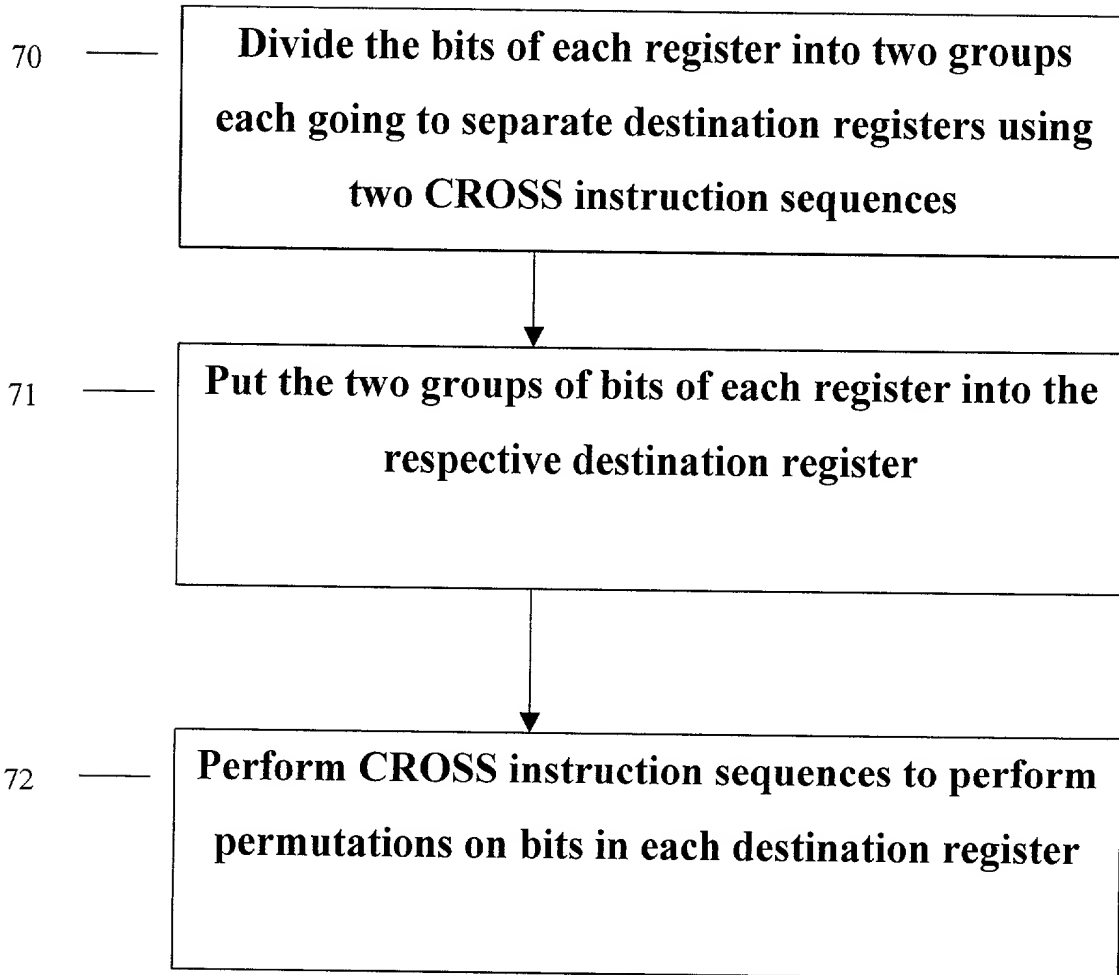
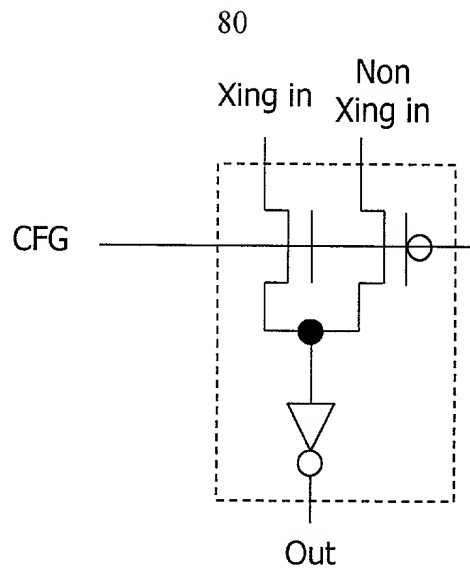
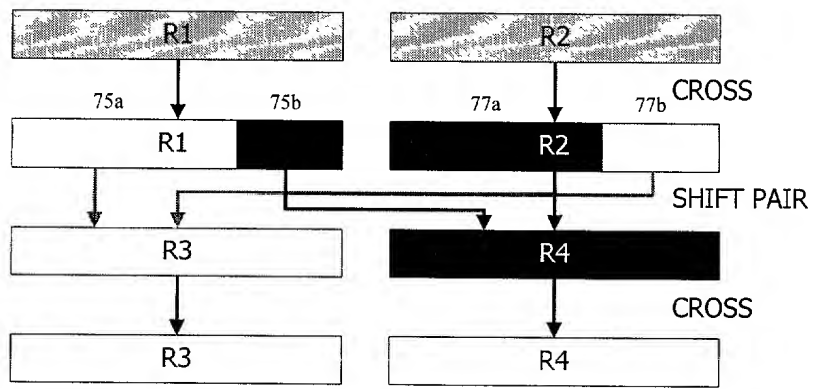


FIG. 8A



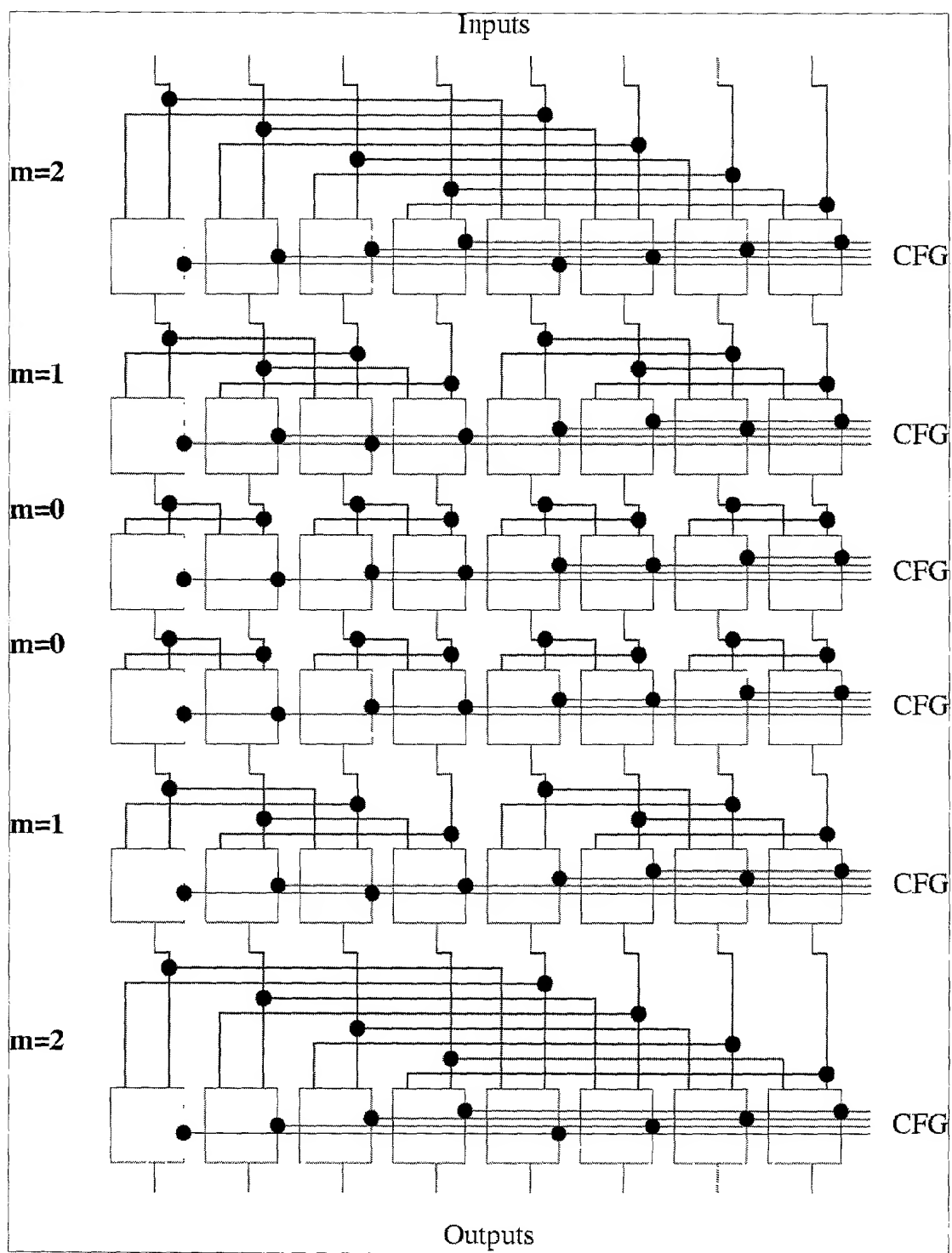


FIG. 9B

100

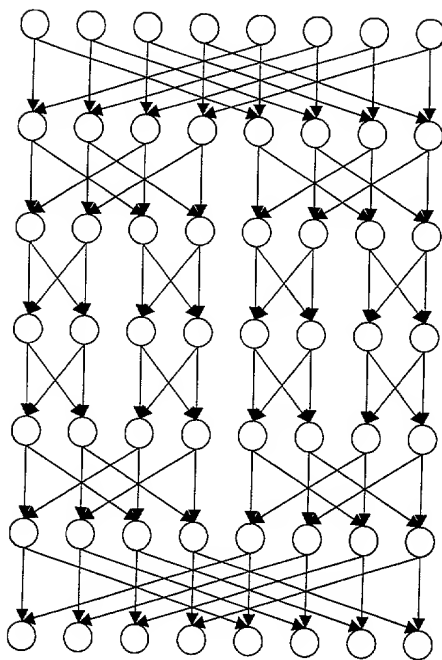


FIG. 10A

110

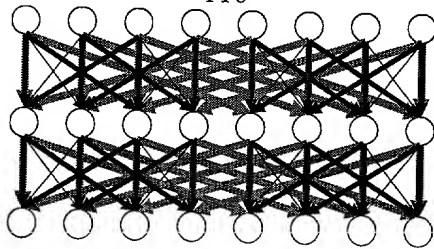


FIG. 10B

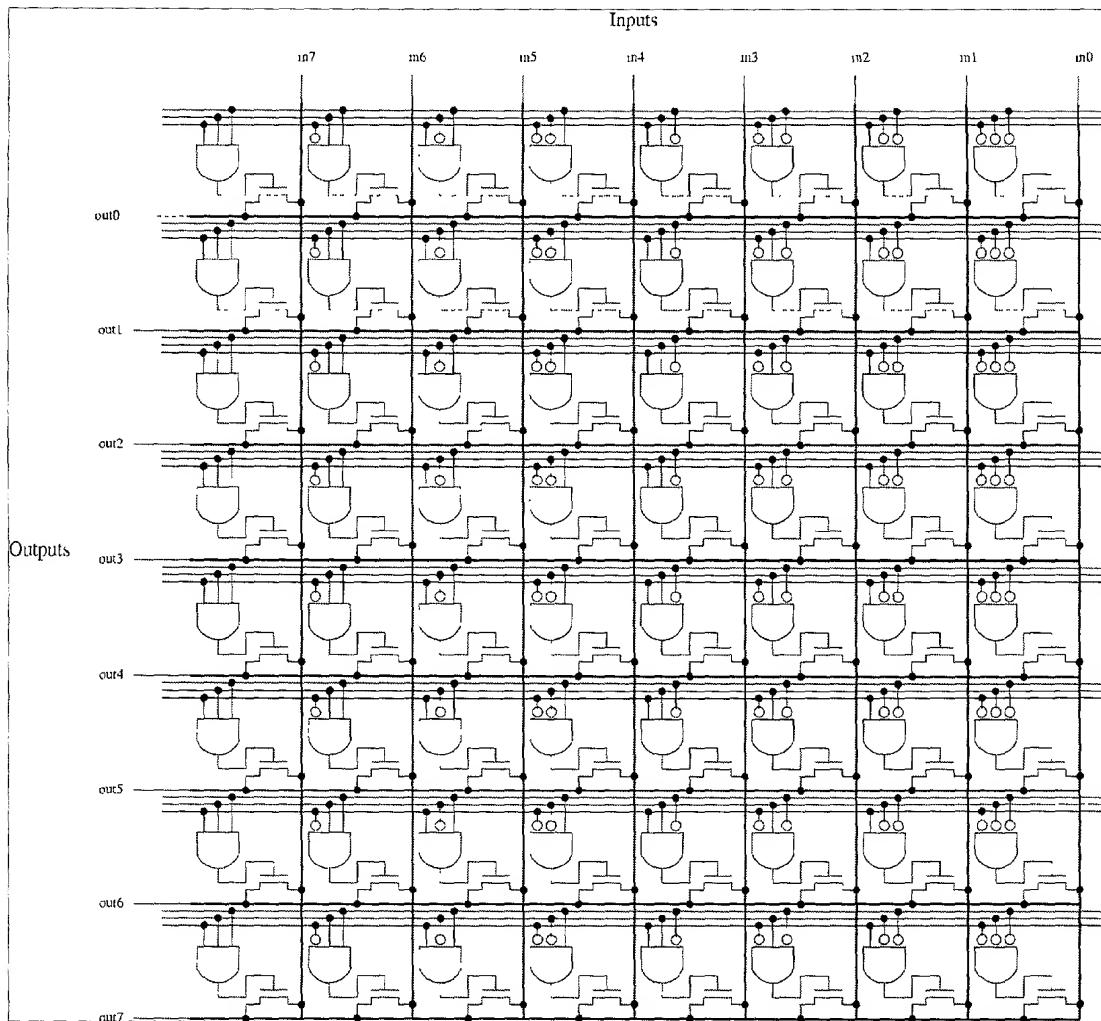


FIG. 11

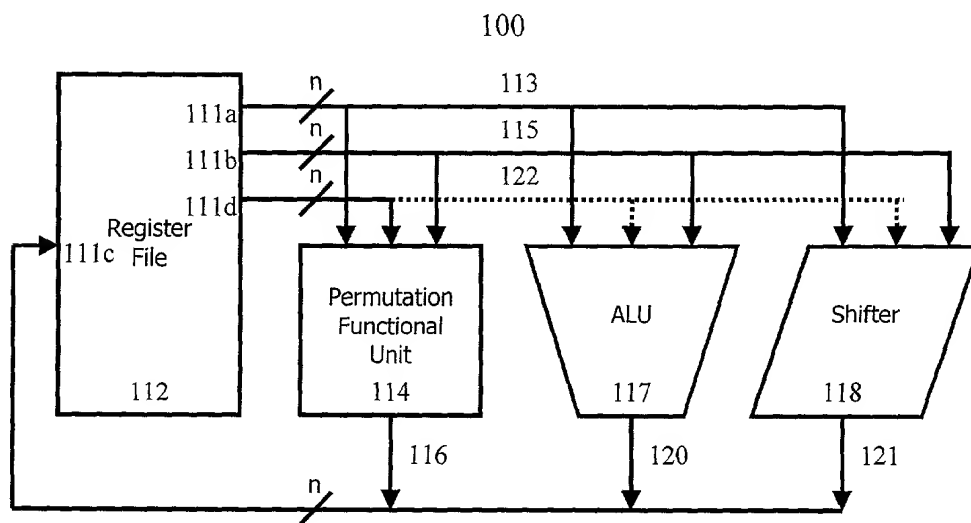


FIG. 12A

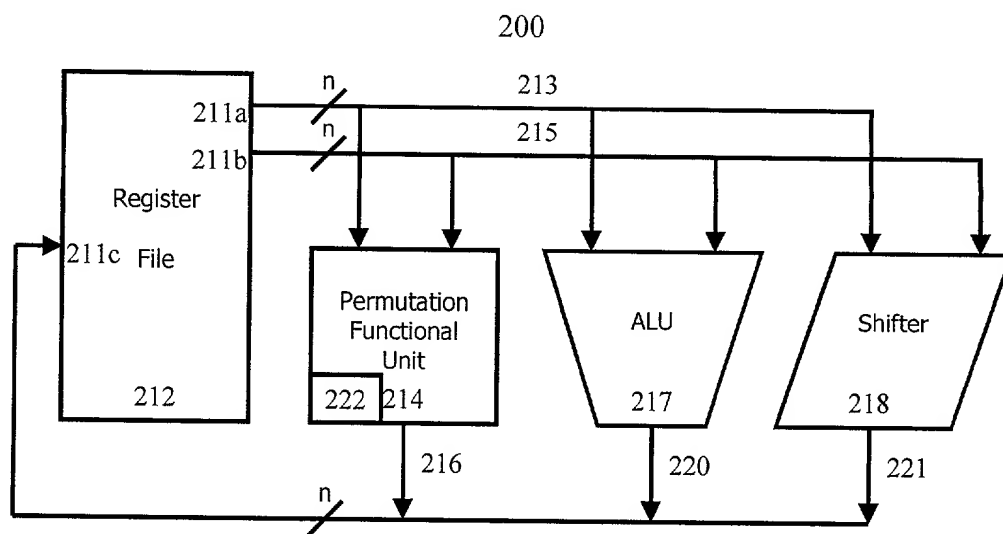


FIG. 12B